CLAIMS:

1.   RF communication system for control of user devices via a wireless RF communication comprising:
- a user device (6, 7, 11, 12, 13) for reading user settings and/or commands from a passive data carrier (3, 4, 5, 21, 22) via a wireless RF communication including a controller (64) for
5   controlling the user device (6, 12) according to read user settings and/or commands and a programming unit (65) for automatically programming said passive data carrier (3, 4, 5, 21, 22) via a wireless RF communication with actual user settings and/or commands of the user device (6, 7, 11, 12, 13), and
- a passive, via a wireless RF communication programmable and readable data carrier (3, 4,
10   5, 21, 22) including a memory (31) for storing user settings and/or commands.

2.   RF communication system as claimed in claim 1,
further comprising a programming device (8) having an input means (83) for inputting user settings and/or commands for explicitly programming said passive data carrier (3, 4, 5, 21,
15   22).

3.   RF communication system as claimed in claim 1,
wherein said passive data carrier (3, 4, 5, 21, 22) further comprises:
- a receiving means (32) for receiving RF signals,
20   - a processing means (34) for processing said received RF signals to obtain said user settings and/or commands embedded therein and/or for embedding stored user settings and/or commands into output RF signals or RF signal modulations of said received RF signals, and
- an output means (33) for outputting said output RF signals or RF signal modulations.

25   4.   RF communication system as claimed in claim 3,
wherein said passive data carrier (3, 4, 5) is a passive RFID tag.

5.   RF communication system as claimed in claim 3,

wherein said passive data carrier (3, 4, 5) is integrated into a mobile user apparatus, in particular into a mobile phone, a transponder, a SmartCard or a PDA.

6.   RF communication system as claimed in claim 3,

wherein said user device (6, 7, 11, 12, 13) further comprises:

- an RF transmitter (61) for emitting RF signals,

- a detector (62) for detecting RF signals or RF signal modulations of emitted RF signals,

- a processor (63) for processing the detected RF signals or RF signal modulations and for deriving user settings and/or commands embedded therein.

7.   RF communication system as claimed in claim 1,

wherein said passive data carrier (3, 4, 5, 21, 22) is adapted for storing a number of different sets of user settings and/or commands for control of different types or selected user devices (6, 7, 11, 12, 13).

8.   RF communication system as claimed in claim 6,

wherein said user device (6, 7, 11, 12, 13) further comprises an identification means (121) for embedding identification information identifying said user device (6, 7, 11, 12, 13) and/or the type of said user device (6, 7, 11, 12, 13) into RF signals emitted by said RF transmitter (61).

9.   RF communication system as claimed in claim 6,

wherein said processing means (34) of said passive data carrier (3, 4, 5, 21, 22) further comprises:

- an identifier means (221) for processing said received RF signals to obtain identification information identifying said user device (6, 7, 11, 12, 13) and/or the type of said user device (6, 7, 11, 12, 13), and

- a selecting means (222) for selecting stored user settings and/or commands related to said type or said user device (6, 7, 11, 12, 13) to be embedded into said output RF signals or said RF signal modulations of said received RF signals by said processing means.

10.   RF communication system as claimed in claim 1,

comprising a plurality of passive data carriers (3, 4, 5) positioned at different locations for control of user devices (6, 7) present in respective control areas around said different locations according to stored user settings and/or commands.

11.   RF communication system as claimed in claim 1,

comprising a plurality of passive data carriers (21, 22) associated to different users for

control of user devices (11, 12, 13) according to stored user settings and/or commands.

12.   RF communication method for control of user devices via a wireless RF

communication comprising the steps of:

- automatically programming a passive data carrier via a wireless RF communication with

actual user settings and/or commands of a user device, said passive data carrier including a

memory for storing said user settings and/or commands,

- reading user settings and/or commands from said passive data carrier via a wireless RF

communication,

- controlling the user device according to read user settings and/or commands.

13.   User device for use in a RF communication system as claimed in claim 1 for reading

user settings and/or commands from a passive data carrier (3, 4, 5, 21, 22) via a wireless RF

communication, comprising:

- an RF transmitter for emitting RF signals,

- a programming unit (65) for automatically programming said passive data carrier (3, 4, 5,

21, 22) via said RF signals with actual user settings and/or commands of the user device (6,

7, 11, 12, 13),

- a detector (62) for detecting RF signals or RF signal modulations of the emitted RF signals

from said data carrier,

- a processor (63) for processing the detected RF signals or RF signal modulations and for

deriving user settings and/or commands embedded therein, and

- a controller (64) for controlling the user device (6, 12) according to read user settings and/or

commands.

14.   Passive, via a wireless RF communication programmable and readable data carrier for

use in a RF communication system as claimed in claim 1 comprising:

- a memory (31) for storing user settings and/or commands,

- a receiving means (32) for receiving RF signals,

- a processing means (34) for processing said received RF signals to obtain user setting and/or commands embedded therein and/or for embedding stored user settings and/or commands into output RF signals or RF signal modulations of said received RF signals, and
- an output means (33) for outputting said output RF signals or RF signal modulations.

5